



OIL PIPE LINE TRANSPORT

August, 1960

Net deliveries of oil through Canadian pipe lines totalled 25,437,917 barrels in August, 126,688 barrels more than the 25,311,229 recorded in August, 1959. The daily average delivery of 820,578 barrels compares with 816,491 last year and 830,422 barrels in the previous month. The average length of haul declined to 243.4 miles from 247.4 in 1959 and barrel miles dropped to 9,192 million, the lowest this year.

For the eight months ended August 31, 1959, total net deliveries from both gathering and trunk lines aggregated 213,442,144 barrels, an increase of 4.3 p.c. from 204,636,911 reported in the corresponding period last year. Provincial deliveries in barrels, for January-August were as follows (1959 data in brackets): Yukon Territory 194,843 (1959 data not available); British Columbia 28,107,552 (22,746,702); Alberta 15,436,246 (14,951,352); Saskatchewan 12,598,832 (12,775,382); Manitoba 71,908,024 (66,618,835); Ontario 31,817,270 (30,111,559) and Quebec 53,379,377 (57,433,081). Included in Manitoba deliveries were 64,576,075 barrels (59,386,414) transferred to the Lakehead Pipe Line Company, the bulk of which moved through the United States destined to Ontario refineries. Exports via pipe line are shown in a footnote to Table 4.

Gathering systems handled an average of 500,712 barrels per day in August as compared with 497,815 in August 1959, a rise of 0.6 p.c. Trunk lines averaged 1,218,124 barrels per day as against 1,210,350 in 1959.

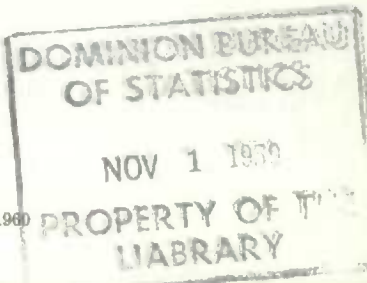
During the month of August net receipts totalled 25,562,448 barrels, slightly higher than the 25,520,735 shown last year. Comprising the current month's receipts were 9,911,547 barrels of Alberta crude and 29,615 barrels of Alberta natural gasoline, 4,611,440 barrels of Saskatchewan Crude, 411,290 barrels of Manitoba crude, 6,463,364 barrels of imported crude and 4,135,192 barrels of refinery products.

Employees numbered 1,596 this August compared with 1,595 in the preceding year and salaries and wages totalled \$831,115 compared with \$805,288. It is interesting to note that this month's earnings were the highest since August, 1957 when 1,792 employees earned \$836,162.

Revenue and employee data for the Anglo American Exploration, Ltd., Goliad Oil and Gas Company and the Sarnia Products Pipe Line Division of Imperial Oil Ltd., are not available for this report as the pipe line operation forms only a part of the activities of these companies and is not separable. For the same reason revenue data of the Alaska-Yukon Pipelines Ltd., and employee data of the Amurex Oil Company, Anglo-Canadian Oils Limited, Key Pipe Line Co. Ltd., Nisku Products Pipe Line Company Limited, Peace River Oil Pipe Line Co. Ltd., Royalite Oil Company Limited (Mid-Saskatchewan Pipe Line Dept. and Valley Pipe Line Dept.) and Westspur Pipe Line Company have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

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Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
January 1 to August 31, 1960 per table 6.....	358,376,982
Received into Trunk Lines from other Canadian Pipe Lines....	144,973,930
"Net Received" into Canadian Pipe Line Systems.....	213,403,052
"Net Received" into Trunk Systems per table 1.....	90,809,156
"Net Received" into Gathering Systems per table 2.....	122,593,896
 Total Delivered out of Systems - all Companies -	
January 1 to August 31, 1960 per table 6.....	364,642,318
Delivered to other Canadian Pipe Lines.....	151,200,174
"Net Delivered" from Canadian Pipe Line Systems.....	213,442,144
"Net Delivered" from Trunk Systems per table 1.....	207,557,447
"Net Delivered" from Gathering Systems per table 2.....	5,884,697

The fluctuations which occur in Shippers' and Carriers' balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for August and are given herewith:

OIL BALANCE - ALL COMPANIES - AUGUST, 1960

	Barrels	
Total Shippers' Balances - January 1, 1960.....	10,887,060	
Total Carriers' Balances - January 1, 1960.....	1,194,848	12,081,908
Received into Gathering Systems January 1, to August 31, 1960....	129,352,144	
Received into Trunk Systems January 1, to August 31, 1960.....	317,910,989	447,263,133
Total oil accountable for period.....		459,345,041
Delivered from Gathering Systems January 1, to August 31, 1960...	129,203,275	
Delivered from Trunk Systems January 1, to August 31, 1960.....	317,871,163	447,074,438
Balance to be accounted for January 1, to August 31, 1960....		12,270,603
Oil consumed as fuel and losses January 1, to August 31, 1960		217,959
Balance on hand - August 31, 1960.....		12,052,644
Total Shippers' Balances - August 31, 1960.....	10,718,449	
Total Carriers' Balances - August 31, 1960.....	1,334,195	

The Interprovincial Pipe Line Company operates almost 1,700 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba. In addition to this, the company operates 166 miles of line which enters Canada from the United States at Sarnia and extends to Port Credit in Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and other points in Ontario via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, oil carried by these short sections is not included in Canadian oil pipe line statistics. However, the barrel mile performance of these sections has been included with the total barrel miles shown in tables five and six. A summary of oil delivered by these two lines is shown below.

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil Delivered at Sarnia
	Sarnia	Clarkson, Port Credit and Trafalgar	
	Barrels	Barrels	Barrels
August, 1959	4,487,671	2,101,319	146,078
July, 1960	4,072,665	1,872,119	164,492
August, 1960	4,192,031	1,864,157	158,574

TABLE 1

OIL CARRIED BY PIPE LINES - TRUNK

	August 1960	July 1960	August 1959	YEAR TO DATE 1960
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received* (2+3+4+5)</u>	37,585,480	39,187,811	37,770,290	317,910,989
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	9,770,082	10,224,253	9,709,137	82,127,903
3. Other pipe lines - Gathering	6,775,800	7,137,847	5,970,502	54,276,895
4. Trunk	10,090,077	10,697,611	11,186,540	90,697,035
5. Net Received (6+7+8)	10,949,521	11,128,100	10,904,111	90,809,156
6. Originating on own trunk lines	4,258,536	3,997,420	3,855,016	35,632,262
7. Received from foreign pipe line connections	6,477,867	6,939,102	6,781,827	53,520,709
8. Received from other carriers (rail & truck)	213,118	191,578	267,268	1,656,185
9. <u>Total Delivered* (10+11)</u>	37,761,843	38,510,664	37,520,853	317,871,163
10. Less: Delivered to other Canadian trunk lines	12,634,066	13,601,863	12,828,335	110,313,716
11. Net Delivered (12+13+14)	25,127,777	24,908,801	24,692,518	207,557,447
12. Terminated on own trunk lines	15,974,949	15,208,092	15,272,273	130,062,927
13. Delivered to foreign pipe line connections	9,103,645	9,650,586	9,357,484	77,003,384
14. Delivered to other carriers (truck, rail & water)	49,183	50,123	62,761	491,136

TABLE 2

OIL CARRIED BY PIPE LINES - GATHERING

	August 1960	July 1960	August 1959	YEAR TO DATE 1960
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	15,595,448	16,135,893	15,414,387	129,352,144
16. Less: Received from other gathering systems	982,521	916,180	797,763	6,758,248
17. Net Received (18+19)	14,612,927	15,219,713	14,616,624	122,593,896
18. Originating on own gathering system	14,356,602	14,960,881	14,320,029	120,382,019
19. Received from other carriers (rail & truck)	256,325	258,832	296,595	2,211,877
20. <u>Total Delivered* (21+22+23)</u>	15,522,080	16,133,845	15,432,253	129,203,275
Less: Delivered to other pipe lines -				
21. Own Trunk system	10,064,038	10,224,253	9,709,137	82,432,120
22. Other pipe lines	5,147,902	5,075,318	5,104,405	40,886,458
23. Net Delivered (24+25)	310,140	834,274	618,711	5,884,697
24. Terminated on gathering systems	242,852	697,761	485,592	4,967,022
25. Delivered to other carriers (rail & truck)	67,288	136,513	133,119	917,675

* Includes natural gasoline and refinery products.

* Includes duplications.

* Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		August 1960	July 1960	August 1959	YEAR TO DATE 1960
Yukon T. (1)	- Trunk	Barrels 29,074	Barrels 23,833	Barrels -	Barrels 192,694
Alberta (2)	- Gathering	9,776,642	10,287,434	10,507,473	86,998,316
"	- Trunk	412,297	386,674	409,246	3,436,209
Saskatchewan	- Gathering	4,424,995	4,541,863	3,667,428	32,476,793
"	- Trunk	186,445	173,054	359,402	1,950,511
Manitoba	- Gathering	411,290	390,416	441,723	3,118,787
"	- Trunk	-	-	-	-
Ontario (1)	- Trunk	2,212,137	2,007,072	1,862,714	19,930,281
Quebec (3)	- Trunk	8,109,568	8,537,467	8,272,749	65,299,461
Net Received	- Gathering	14,612,927	15,219,713	14,616,624	122,593,896
" "	- Trunk	10,949,521	11,128,100	10,904,111	90,809,156
" "	- Total	25,562,448	26,347,813	25,520,735	213,403,052

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		August 1960	July 1960	August 1959	YEAR TO DATE 1960
Yukon T. (1)	- Trunk	Barrels 29,857	Barrels 26,750	Barrels -	Barrels 194,843
British Columbia	- Trunk	2,419,938	2,829,348	2,793,831	28,107,552
Alberta (2)	- Gathering	287,790	750,742	534,731	5,325,737
"	- Trunk	1,936,383	1,027,168	1,197,460	10,110,509
Saskatchewan	- Gathering	22,350	83,532	83,980	558,960
"	- Trunk	1,668,758	1,435,847	1,656,553	12,039,872
Manitoba ^b	- Trunk	8,765,694	9,013,608	8,830,869	71,908,024
Ontario (1)	- Trunk	3,832,036	3,619,160	3,353,547	31,817,270
Quebec	- Trunk	6,475,111	6,956,920	6,860,258	53,379,377
Net Delivered	- Gathering	310,140	834,274	618,711	5,884,697
" "	- Trunk ^a	25,127,777	24,908,801	24,692,518	207,557,447
" "	- Total	25,437,917	25,743,075	25,311,229	213,442,144
" "	- Daily average	820,578	830,422	816,491	874,763
^b Includes deliveries to U.S. pipe lines, Grctna, Man.		7,758,497	8,207,616	7,842,076	64,576,075
^a Includes exports -					
via Trans Mountain Oil Pipe Line Company		1,345,148	1,442,970	1,515,408	12,427,309
via Interprovincial Pipe Line Company		1,626,841	2,030,959	1,486,119	15,603,990

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		August 1960	July 1960	August 1959	YEAR TO DATE 1960
Barrels Handled - Daily Average					
Gathering Systems	Barrels	500,712	520,446	497,815	529,922
Trunk Lines	"	1,218,124	1,242,280	1,210,350	1,302,751
Total Barrel Miles (Trunk Lines)	Millions	9,192	9,432	9,285	81,534
Average Miles Per Barrel (Trunk Lines)	Miles	243.4	244.9	247.4	256.5
Employees and Earnings (6)					
Average Number (4)	No.	1,596	1,616	1,595	1,566
Total Salaries and Wages	\$	831,115	828,529	805,288	6,401,124
Man-Hours Worked by Wage Earners (5) (6)	Hours	71,203	73,150	71,180	562,636

- (1) Products of refineries.
- (2) Includes natural gasoline and some refinery products.
- (3) Includes some products.
- (4) Includes salaried employees.
- (5) Includes overtime.
- (6) Excludes Amurex Oil Company; Anglo American Exploration Ltd.; Anglo-Canadian Oils Limited; Goliad Oil and Gas Company; Imperial Oil Limited, Sarnia Products Pipe Line; Key Pipe Line Co., Ltd.; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Co., Ltd.; Royalite Oil Co. Ltd. (Mid-Saskatchewan Pipe Line Dept. and Valley Pipe Line Dept.) and Westspur Pipe Line Company.

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

August, 1960

	Imperial Pipe Line Company, Ltd.	Inter- provincial Pipe Line Company	Montreal Pipe Line Company, Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*							
<u>Total Received into System</u>							
This month August, 1960	1,915,864	10,785,560	6,463,364	2,314,676	3,312,584	(2) 17,636,277	42,428,325
This year (8 months)	20,570,356	88,205,403	53,361,652	28,010,622	26,861,318	(3) 141,637,631	358,376,982
<u>Total Delivered out of System</u>							
This month August, 1960	1,914,160	10,690,371	6,475,111	2,419,938	3,394,964	(4) 18,325,341	43,219,885
This year (8 months)	20,567,012	87,873,673	53,379,377	28,107,552	26,950,530	(5) 147,764,174	364,642,318
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month August, 1960	61,747	-	-	-	106,273	332,692	500,712
This year (8 months)	84,291	-	-	-	109,866	335,365	529,522
<u>Trunk Lines</u>							
This month August, 1960	-	344,851	208,875	78,063	109,515	476,820	1,218,124
This year (8 months)	-	360,138	218,768	115,195	110,453	498,197	1,302,751
<u>Total Barrel Miles (Trunk Lines)</u>				Miles			
<u>in millions</u>							
This month August, 1960	-	5,253	457	1,608	236	1,638	9,192
This year (8 months)	-	43,777	3,766	18,873	1,875	13,243	81,534
<u>Average Miles per Barrel (Trunk Lines)</u>							
This month August, 1960	-	462.0	70.6	664.0	69.6	110.8	243.4
This year (8 months)	-	466.0	70.6	671.0	69.6	108.9	256.5
OPERATING REVENUES 1960							
				Dollars			
Three months ended Mar. 31	714,077	8,789,463	779,434	4,673,032	1,474,516	(6) 8,500,384	24,930,906
Six months " June 30	1,286,142	16,565,038	1,381,219	9,528,922	2,960,752	(6) 16,685,894	48,407,967
Nine months " Sept. 30							
Twelve months " Dec. 31							
EMPLOYEES AND EARNINGS							
				Number			
Employees August, 1960	103	448	52	227	140	(7) 626	1,596
				Dollars			
This month August, 1960	54,119	243,348	26,163	126,416	69,630	(7) 311,439	831,115
This year (8 months)	447,799	1,841,793	205,344	985,774	544,932	(7) 2,375,482	6,401,124
				Hours			
This month August, 1960	9,597	-	6,564	3,076	12,632	(7) 39,334	71,203
This year (8 months)	85,518	2,752	49,082	8,806	102,055	(7) 314,423	562,636

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 4,135,192 bbls. products and 29,615 bbls. natural gasoline.

(3) Includes 34,057,662 bbls. products and 261,605 bbls. natural gasoline.

(4) Includes 3,963,793 bbls. products and 36,250 bbls. natural gasoline.

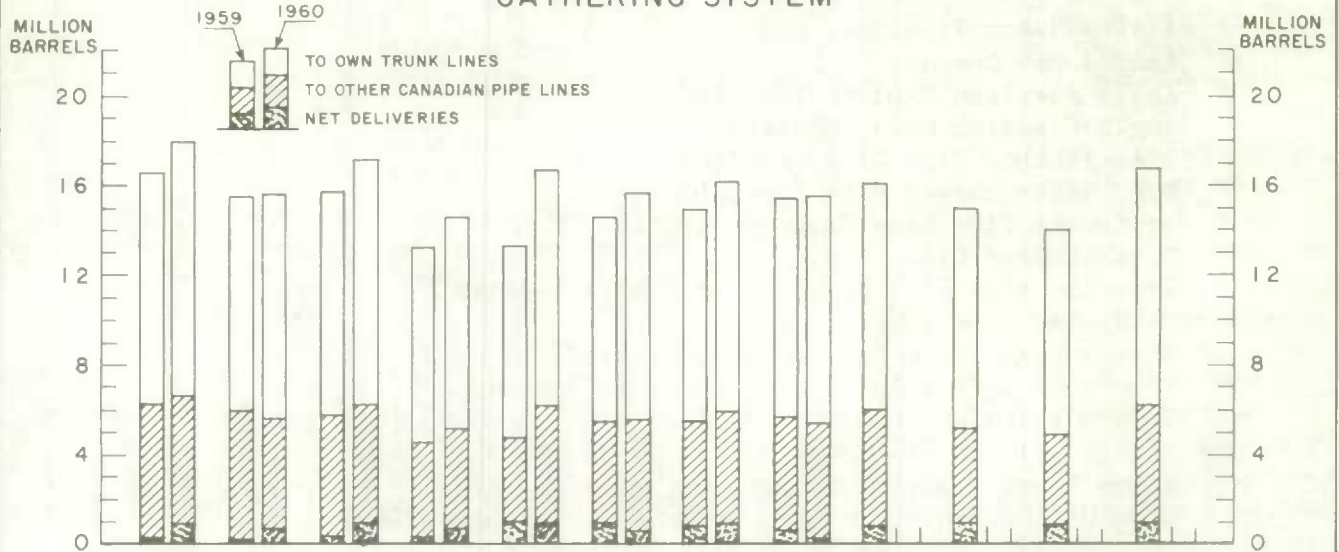
(5) Includes 32,912,536 bbls. products and 325,550 bbls. natural gasoline.

(6) Excludes Alaska-Yukon Pipelines, Ltd.; Amurex Oil Company; Anglo American Exploration, Ltd.; Goliad Oil and Gas Company; Green River Exploration Company Limited and Imperial Oil Limited, Sarnia Products Pipe Line.

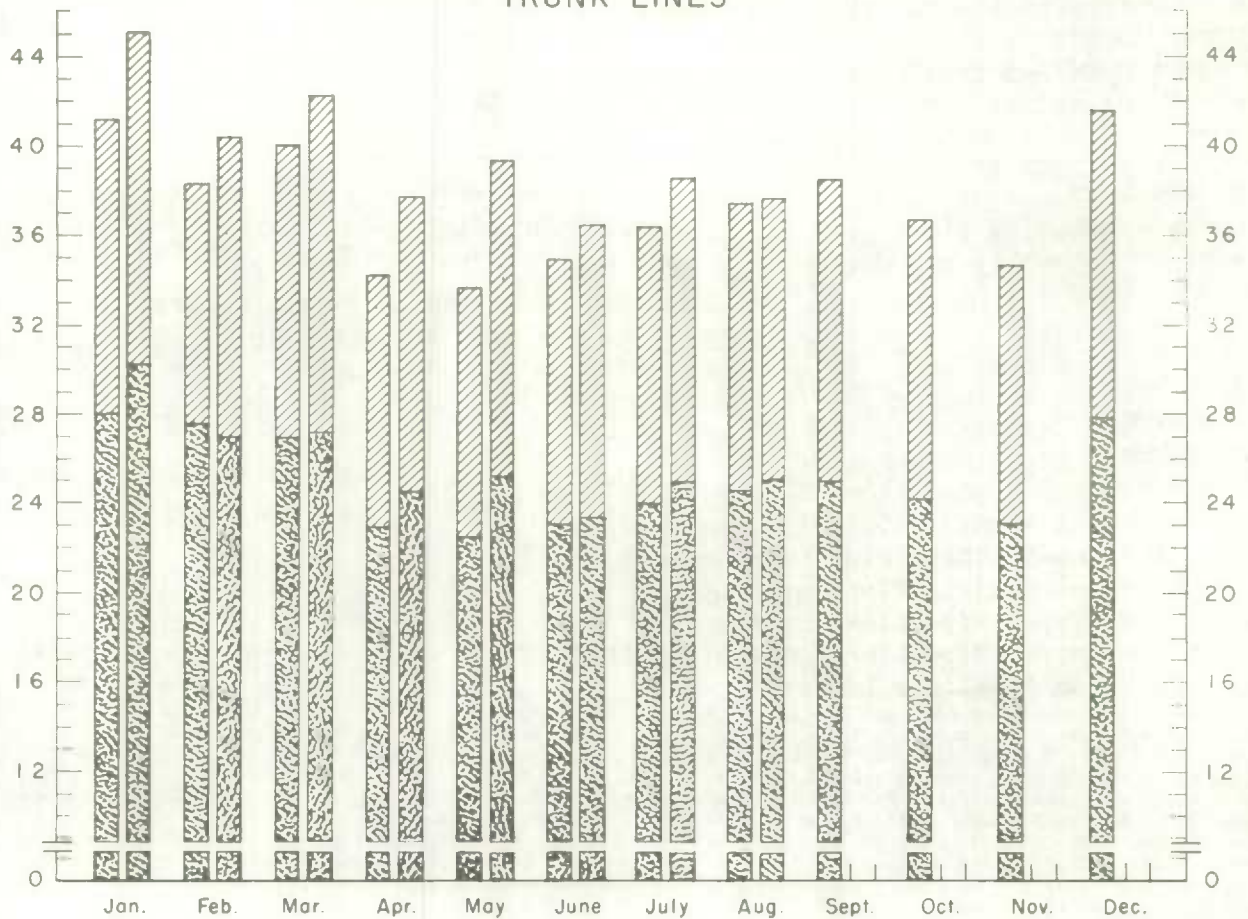
(7) Excludes Amurex Oil Company; Anglo American Exploration, Ltd.; Anglo-Canadian Oils, Limited; Goliad Oil and Gas Company; Imperial Oil Limited, Sarnia Products Pipe Line; Key Pipe Line Co., Ltd.; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Co., Ltd.; Royalite Oil Co. Ltd. (Mid-Saskatchewan Pipe Line Dept. and Valley Pipe Line Dept.) and Westspur Pipe Line Company.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1959 AND 1960

GATHERING SYSTEM



TRUNK LINES



List of Oil Pipe Lines Reporting

Alaska-Yukon Pipelines Ltd.
Amurex Oil Company
Anglo American Exploration, Ltd.
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Devon-Palmer Oils, Ltd.
Edmonton Pipe Line Division of Pamoil Limited
Federated Pipe Lines, Ltd.
Gibson Associated Oil Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Gibson Petroleum Company, Limited
Goliad Oil and Gas Company
Green River Exploration Company, Limited
Home Oil Company, Limited, Cremona Pipe Line Division
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Co., Ltd.
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Co., Ltd.
Pembina Pipe Line, Ltd.
Producers Pipelines, Ltd.
Rangeland Pipeline Company Limited, Division of
Hudson's Bay Oil and Gas Co., Ltd.
Royalite Oil Company, Limited, Mid-Saskatchewan Pipe Line Dept.
Royalite Oil Company, Limited, Valley Pipe Line Dept.
Saskatoon Pipe Line Co., Ltd.
South Saskatchewan Pipe Line Company
Sun-Canadian Pipe Line Company, Ltd.
Sun Pipe Line Company
Texaco Exploration Company, Pipe Line Dept.
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Ltd.
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited.
Yukon Pipelines Limited

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